180, 3e Avenue, L'Islet (Québec) G0R 2C0 CANADA
Telephone: (418) 247-3947, 1 800 463-7043
Fax: (418) 247-7801
www.ouellet.com

INSTALLATION INSTRUCTIONS

for Bathroom Heater «OHY Series»

INSTALLATION MUST BE ACCOMPLISHED BY A QUALIFIED TECHNICIAN

RISK OF ELECTRIC SHOCK

WARNING

Read Carefully - These instructions contain necessary information for the proper installation, use and efficient operation of the heater. Carefully read these instructions before installation, operation of the heater. Failure to adhere to the instructions could result in fire, electric shock, serious personal injury, death or property damage. Save these instructions and review frequently for continuing safe operation and instruction of future users, if necessary.

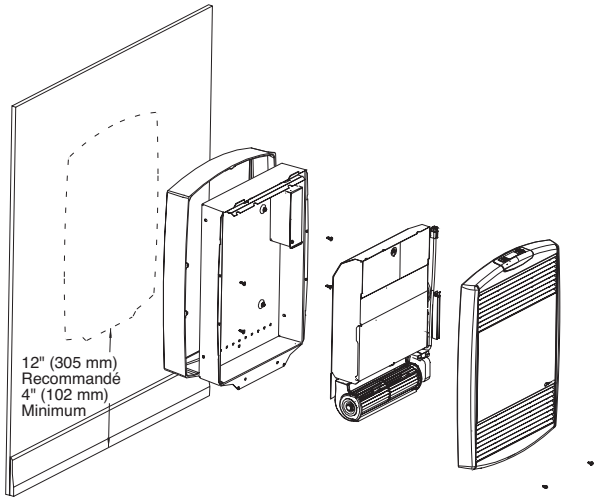
ATTENTION

1. Carefully read these instructions before installation.
2. Never paint the heater.
3. Never alter the heater.
4. Never install the heater on a wall covered with vinyl.
5. Do not use outdoors.
6. This heater may become hot when in use. To avoid burns, do not touch hot surfaces of the heater with bare skin. Keep all combustible materials away from top and front of heater: furniture, pillows, bedding, paper, clothing, bath towel, bath robe, drapes, etc.
7. Heater should not be blocked in any manner.
8. Install heater in position shown in installation figures of these instructions.
9. Allow 102 mm (4 in) minimum clearance below heater.
10. Allow 25 mm (1 in) minimum clearance between sides of heater and any adjacent walls.
11. Allow 1219 mm (48 in) minimum in front of heater.
12. Extreme caution is necessary when any heater is used by or near children or invalids and whenever the heater is left operating and unattended.
13. Use intended holes in enclosure to secure heater in place as specified in these instructions.
14. To avoid electric shock disconnect all power to heater at the main service panel before installation, wiring or servicing and replace front cover of heater before putting the power back.
15. Use power supply wire suitable for at least 90 °C (194 °F).
16. All wiring must be done in accordance with the national and local electrical codes and the heater must be grounded.
17. A incorrectly installed heater may be permanently damaged and present a risk of fire or electric shock. Required minimal clearances must be observed along with theses instructions. Heater must be tightly fixed to the building's framing.
18. Do not install heater in vapor or shower bathrooms nor in places where it will be exposed to a high level of humidity or vapor for a long period.
19. Make sure applied voltage is suitable for rating of heater.
20. Dot not insert or allow foreign objects to enter any ventilation opening as this may cause electric shock, short circuit, fire or damage to heater.
21. Do not block air inlet or outlet in any manner.
22. Use heater only as described in the USER GUIDE provided with these instructions. Any other use not recommended by the manufacturer may cause fire, electric shock or injury to persons.
23. Refer to the USER GUIDE for servicing and troubleshooting tips on this heater.
24. AMERICAN VERSION ONLY: This heater includes a visual alarm (red light) to warn parts of the heater are getting excessively hot. If the light turns on immediately turn the heater off and inspect for any objects on or adjacent to the heater that may cause high temperatures. If nothing seems to obstruct air inlet, have heater inspected by a qualified person. DO NOT OPERATE THE HEATER WITH THE ALARM LIGHT ON.

WARRANTY

Ouellet Canada Inc. warrants the electric heating element of the OHY Series for a five (5) year period and the component parts against defects in material and workmanship for a two (2) year period following the date of purchase, under normal use and service, when proof of purchase of such is provided to the manufacturer. The obligation of Ouellet Canada Inc., under the terms of this warranty, will be to supply a new unit and this omits the manufacturer to bear the installation costs or other secondary charges linked to replacing the unit or the component part(s).

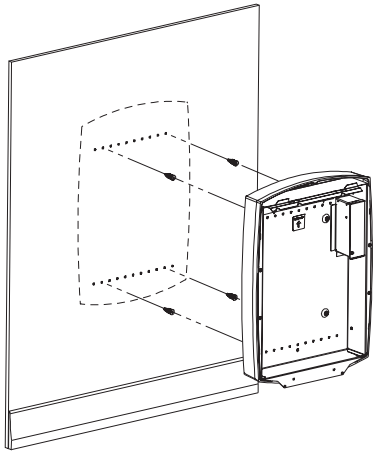
SURFACE WALL MOUNTING (WITH OR WITHOUT OHY-CM):



Keep a clearance of 1219 mm (48 in) minimum in front of heater and 25 mm (1 in) to any walls.

SURFACE WALL MOUNTING STEPS:

1. To install the optional cast trim sleeve, refer to instructions provided with option OHY-CM. Heater may be surface mounted without the optional cast trim sleeve. Recommended installation height is 305 mm (12 in) below heater. Use provided template to locate positioning of the supply wire.



2. Follow steps #2 to #11 of RECESSED WALL MOUNTING.

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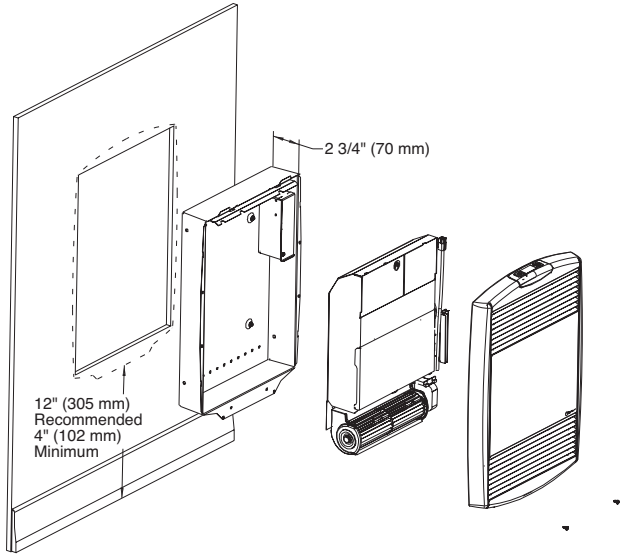
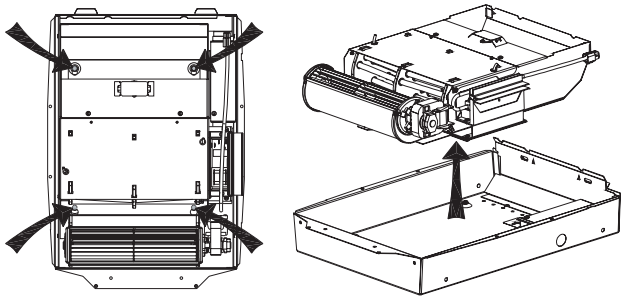
RECESSED WALL MOUNTING:



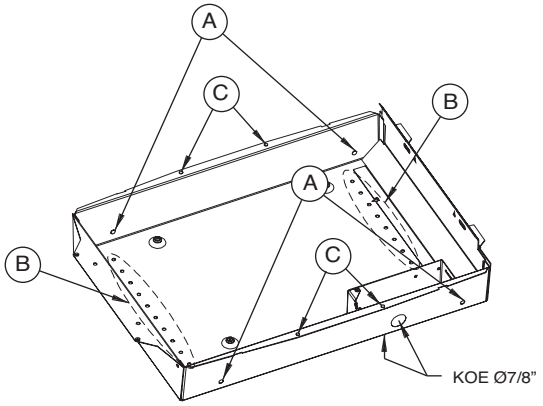
Keep a clearance of 1219 mm (48 in.) minimum in front of heater and 25 mm (1 in.) to any walls.

RECESSED WALL MOUNTING STEPS:

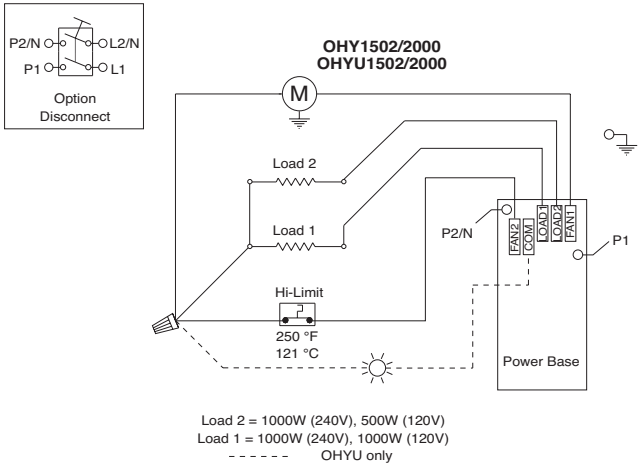
1. Make a hole within the wall at least 70 mm (2 3/4 in.) of depth. The hole must be 473 mm (18 5/8 in.) by 340 mm (13 3/8 in.); use the template provided with the heater. CAUTION: HOLE MUST BE CUT PRECISELY.
2. Remove front cover by unscrewing both screws at the bottom.
3. Remove the junction box cover by unscrewing the screw. Note the plastic connector secured inside the junction box will be connected outside the box once the heater is fully installed. This connector links the enclosure with the display located on the front cover.
4. Remove the inside module to which the fan is fixed by loosening the four (4) RED screws.



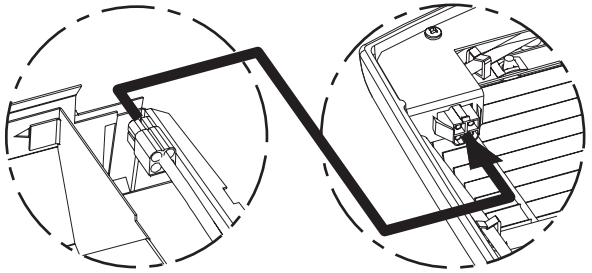
5. Use the appropriate knock-out hole (KOE 7/8 in) within the junction box as well as the 6.35 mm (1/4 in.) knock-outs (item A in the figure) located on each side of enclosure that will be used to fix it to the wall. Run the power cable inside the enclosure.
6. Fix the enclosure by using the 6.35 mm (1/4 in.) knock-outs or the holes on the back (indicated as item B in the figure) to firmly fix the heater with provided screws (two additional longer screws are provided to help in case of larger framing). DO NOT FIX THE HEATER WITH THE HOLES MENTIONNED IN STEP #4 USED TO SCREW THE INSIDE MODULE; THIS MAY CAUSE THE HEATER TO MALFUNCTION.

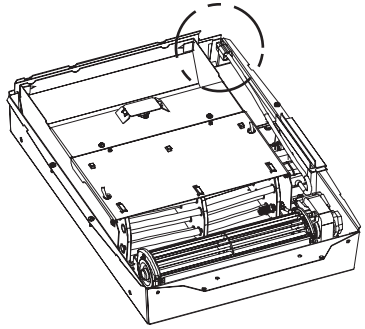


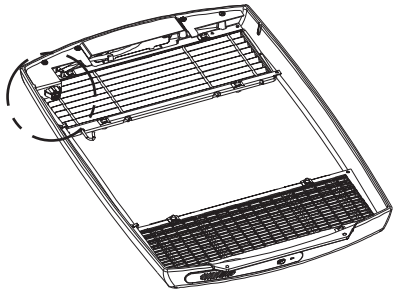
7. Put inside module back and tighten the four (4) RED screws.
8. Wire the heater according to national and local codes and along instructions marked on heater.



9. Replace junction box cover and remove the front cover from its protective bag.
10. Fix the plastic connector on the outlet located in the top of the front cover.







11. Put front cover back making sure the cable linking the cover with the heater does not get stuck. Test the heater to insure control works properly.

Keep this instruction pamphlet for the user.

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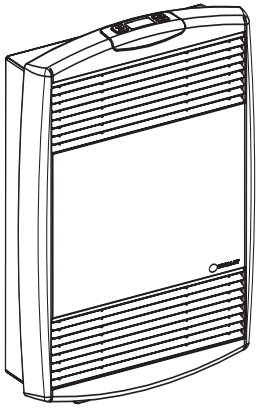

USER MANUAL
OHY SERIES

You have just purchased a highly sophisticated heater unit establishing new standards in design and precision while being filled with industry-first characteristics. This heater will bring you warmth and piece of mind for the years to come. If you have any question concerning your unit, do not hesitate to communicate with our customer service department.

Hybrid Series is a convection and forced-air wall heater of great power including an integrated electronic thermostat, a completely quiet timer, a night light with integrated switch, a contemporary look and a user-friendly interface. The thermostat manages when the fan needs to start in order to keep a constant temperature.

Please read and understand this user guide completely before using the heater. Failing to follow this user guide and if the heater is not installed according to installation instructions included in the box, the manufacturer will not be liable for the warranty.

HEATER OPERATION

Once the unit is powered up the blue display indicates the ambient temperature in degree Celsius (°C) or Fahrenheit (°F). To change the units from °C to °F or vice versa, press the two buttons with arrow signs on the right side of display simultaneously for two (2) seconds.

For the **set point temperature**, use the top arrow button (△) and the down arrow button (▽) to adjust the setting between 10 to 35 °C (50 to 95 °F). When heater is on, four gradated lines indicate the power level on the left side of the display.

For **timer mode (boost heating)**, use the hour-glass button located on the left side of display. Press once to activate this mode and to see the remaining time flashing ("min" is now displayed in the bottom right corner). Display will stop flashing after five (5) seconds. While the remaining time flashes, press again the button on the left to set the minutes to **5, 10, 15, 20, 25 or 30**. If display does not flash any more, press again the button on the left to turn off the timer. Whenever needed in the timer mode, use the arrows located on the right side to increase or decrease remaining time. When in the timer mode ambient temperature is not displayed.

To turn on and off the **night light** use the button located underneath. The night light is a low-consuming device due to its technology.

NOTICE

When starting up the heater for the first time, some smoke will come out of the louvers; this is totally normal and will stop after a few minutes of use. Also, under normal use the heater may become hot.

SAFETY

To avoid problems do not allow water in and make sure no splash get inside heater. IMPORTANT: DO NOT USE HEATER AS A TOWEL DRYER. DO NOT COVER HEATER WHEN POWERED ON.

MAINTENANCE

Clean heater's interior on a regular basis to remove dust. Clean front grills as dust may accumulate due to the important air flow. DISCONNECT POWER BEFORE CLEANING AND SERVICING. REPLACE FRONT COVER BEFORE PUTTING POWER BACK.

TROUBLESHOOTING

PROBLEMS	TIPS
Heater stops working in timer mode (boost mode).	Make sure front of heater has at least 1219 mm (48 in) of clearance and is free of any objects.
Displayed temperature differs from ambient temperature.	Wait for a while that temperature stabilizes. This thermostat uses proportional integral adaptive technology; temperature will remain precise except when important cold or hot air flows occur. Fan operation as well as room recognition have to be considered and may influenced precision of temperature readings.
Interior of heater glows red.	Make sure voltage applied is appropriate (120V or 240V depending on model) and that interior of heater is free of dust blocking heating wires.
Grills are getting darker.	Clean grills using water and mild soap.

WARRANTY

Ouellet Canada Inc. warrants the electric heating element of the OHY Series for a five (5) year period and the component parts against defects in material and workmanship for a two (2) year period following the date of purchase, under normal use and service, when proof of purchase of such is provided to the manufacturer. The obligation of Ouellet Canada Inc., under the terms of this warranty, will be to supply a new unit and this omits the manufacturer to bear the installation costs or other secondary charges linked to replacing the unit or the component part(s).

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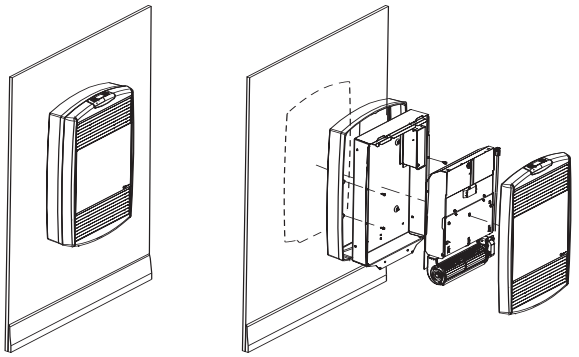


INSTALLATION INSTRUCTIONS FOR CAST TRIM SLEEVE OHY-CM OPTION

RISK OF ELECTRIC SHOCK

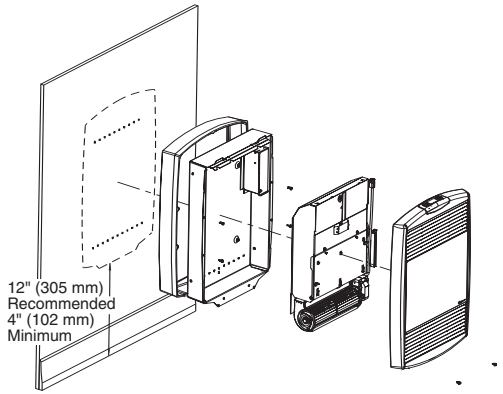
WARNING

Read Carefully - These instructions contain necessary information for the proper installation, use and efficient operation of the heater. Carefully read these instructions before installation, operation of the heater. Failure to adhere to the instructions could result in fire, electric shock, serious personal injury, death or property damage. Save these instructions and review frequently for continuing safe operation and instruction of future users, if necessary. Failing to follow these guidelines and if the heater is not installed according to installation instructions included in the box, the manufacturer could not be held responsible for the warranty.

ATTENTION

1. Carefully read these instructions before installation.
2. Do not use heater as a towel dryer, stand or shelf.
3. Do not cover heater.
4. Disconnect power before cleaning or servicing and replace front cover before putting power back.

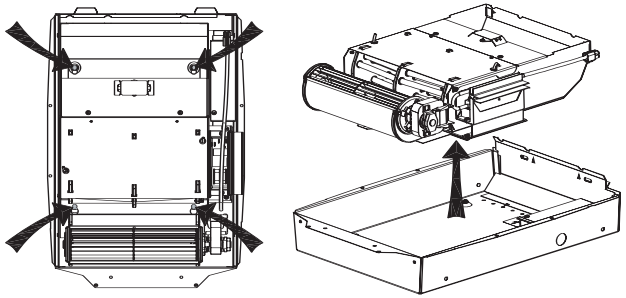
ASSEMBLY OF OHY-CM OPTION



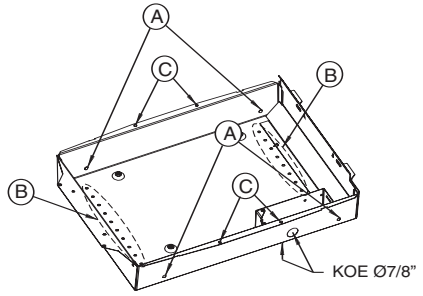
Keep a clearance of 1219 mm (48 in) minimum in front of heater and 25 mm (1 in) to any walls.

ASSEMBLY STEPS FOR CAST TRIM SLEEVE OHY-CM OPTION:

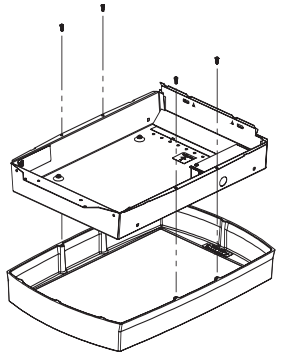
1. In order to proceed to the installation of this option, a OHY unit heater must be purchased, separately. Remove front cover by unscrewing both screws at the bottom.
2. Remove the inside module to which the fan is fixed by loosening the four (4) RED screws.



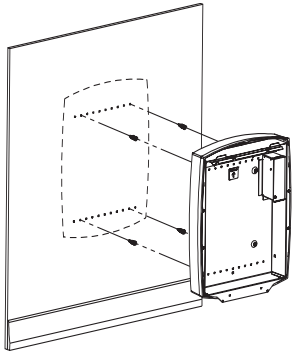
3. Remove all 4.76 mm (3/16 in) knock-outs (item C in the figure).



4. Insert heater's enclosure within the trim sleeve as shown and use the four (4) screws (provided in the trim sleeve packing) to assemble both parts together. Tighten these screws carefully with low torque to avoid stripping the threads. Pay attention to labels indicating the orientation of each component.



5. Fix the assembly to the wall as shown using the holes indicated as item B in the figure. As needed use the four (4) anchors for gypsum provided within packing. DO NOT FIX THE HEATER WITH THE HOLES MENTIONNED IN STEP #2 USED TO SCREW THE INSIDE MODULE; THIS MAY CAUSE THE HEATER TO MALFUNCTION.



6. Proceed with heater installation as described in the heater's instructions provided with the latter.

WARRANTY

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